



THE UNITED STATES PATENT AND TRADEMARK OFFICE

H12 6/12 2634  
AMEND C  
6-14-02

In re application of : Confirmation No. 9227

Mitsuaki OSHIMA et al. : Docket No. 2000\_1130

Serial No. 09/662,695 : Group Art Unit 2634

RECEIVED

Filed September 15, 2000 : Examiner A. Le

JUN 13 2002

COMMUNICATION SYSTEM :

Technology Center 2600

AMENDMENT

Assistant Commissioner for Patents,  
Washington, D.C.

THE COMMISSIONER IS AUTHORIZED  
TO CHARGE ANY DEFICIENCY IN THE  
FEES FOR THIS PAPER TO DEPOSIT  
ACCOUNT NO. 23-0975

Sir:

In response to the Office Action of March 12, 2002, please amend the above-identified U.S. Patent application as follows:

IN THE CLAIMS:

Please cancel claims 12 and 13 without prejudice or disclaimer to the subject matter therein. Please add new claims 14 and 15 as follows.

14. A signal receiving apparatus comprising:

a tuner operable to receive a transmission signal containing at least one of a VSB modulated signal and a QAM modulated signal and select one of the VSB modulated signal and the QAM modulated signal to obtain a selected signal; and

a clock reproducer operable to phase synchronize entire codes of the QAM modulated signal when the selected signal is the QAM modulated signal and to phase synchronize codes of the VSB modulated signal intermittently at predetermined intervals when the selected signal is the VSB modulated signal.

CJ  
09/01/02